

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/003273

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C12N5/00 C12N5/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, EMBASE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/02592 A (CELLTECH LTD ; FIELD RAYMOND PAUL (GB)) 3 February 1994 (1994-02-03) cited in the application See in particular, examples 2 and 5. -----	1-50
X	KOVAR J AND FRANEK F: "Iron compounds at high concentrations enable hybridoma growth in a protein-free medium" BIOTECHNOLOGY LETTERS, vol. 9, no. 4, 1987, pages 259-264, XP009037179 cited in the application Table 2, page 264, in particular ----- -/-	1-50

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

03/11/2004

Name and mailing address of the ISA

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PCT/GB2004/003273

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 316 938 A (RAPSON NICHOLAS T ET AL) 31 May 1994 (1994-05-31) cited in the application column 5, l. 29 and 52-60; claim 1. -----	1-50
Y	WO 92/05246 A (SMITHKLINE BEECHAM CORP) 2 April 1992 (1992-04-02) cited in the application see claim 1, p. 3 l. 20-25, p. 4 l. 25-29. -----	1-50
Y	WO 93/00423 A (NOVONORDISK AS) 7 January 1993 (1993-01-07) cited in the application example 5 -----	1-50
Y	NEUMANNNOVA V ET AL: "GROWTH OF HUMAN TUMOR CELL LINES IN TRANSFERRIN-FREE, LOW-IRON MEDIUM" IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY. ANIMAL, TISSUE CULTURE ASSOCIATION, COLUMBIA, MD, US, vol. 31, no. 8, September 1995 (1995-09), pages 625-632, XP001118629 ISSN: 1071-2690 cited in the application page 630, l.h. column, last paragraph. -----	1-50
Y	KEEN M J: "The culture of rat myeloma and rat hybridoma cells in a protein-free medium" CYTOTECHNOLOGY, vol. 17, no. 3, 1995, pages 193-202, XP009037173 ISSN: 0920-9069 cited in the application Table 1 and discussion in particular -----	1-50
T	DEMPSEY JONATHAN ET AL: "Improved fermentation processes for NSO cell lines expressing human antibodies and glutamine synthetase." BIOTECHNOLOGY PROGRESS, vol. 19, no. 1, January 2003 (2003-01), pages 175-178, XP002298041 ISSN: 8756-7938 the whole document -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/003273

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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